CCR #96-0296B ECS RTM changes based on
GSFC CCR #505-01-41-064
Title: Eliminate DAR requirements for SDPS

F&PRS to IRD to RBR traceablity

L3 paragraph_id	req_ key	text	IRD paragraph_	req _key	text	RBR paragraph_id	text
EOSD1720	50	_ECS elements shall receive from the ECS user community the following types of data requests at a minimum: a._Data Acquisition Requests for the ASTER Instrument b._Data Distribution Requests c._Reprocessing Requests _	SCF-0260	634	The ECS shall have the capability to make a Reprocessing Request Template available to the SCF. This template will be used by the scientist at the SCF to prepare a Reprocessing Request.	SCF-0260#A	The ECS shall have the capability to make a Reprocessing Request Template available to the SCF. This template will be used by the scientist at the SCF to prepare a Reprocessing Request.
						SCF-0260#B	The ECS shall have the capability to make a Reprocessing Request Template available to the SCF. This template will be used by the scientist at the SCF to prepare a Reprocessing Request.
			SCF-0270	635	The ECS shall have the capability to receive a Reprocessing Request from the SCF. This request, at a minimum, contains the following, a list of all the products to be generated, the version numbers of the science software and calibration coefficients, a list of all ancillary data, and data start and stop times.	SCF-0270#A	The ECS shall have the capability to receive a Reprocessing Request from the SCF. This request, at a minimum, contains the following, a list of all the products to be generated, the version numbers of the science software and calibration coefficients, a list of all ancillary data, and data start and stop times.

CCR #96-0296B ECS RTM changes based on
GSFC CCR #505-01-41-064
Title: Eliminate DAR requirements for SDPS

F&PRS to IRD to RBR traceablity

L3 paragraph_id	req_ key	text	IRD paragraph_	req _key	text	RBR paragraph_id	text
						SCF-0270#B	The ECS shall have the capability to receive a Reprocessing Request from the SCF. This request, at a minimum, contains the following, a list of all the products to be generated, the version numbers of the science software and calibration coefficients, a list of all ancillary data, and data start and stop times.
EOSD3950	94	_The SDPS function of ASTER Instrument Data Acquisition Request (DAR) Submittal including TOOs shall have an operational availability of 0.993 at a minimum (.999999 design goal) and an MDT of two (2) hours or less (6 minutes design goal).					
~~IMS-1110~~	~~965~~	~~_The IMS shall provide the capability to receive a product request from the user and determine the instrument(s) required for the data acquisition.~~					

CCR #96-0296B ECS RTM changes based on
GSFC CCR #505-01-41-064
Title: Eliminate DAR requirements for SDPS

F&PRS to IRD to RBR traceablity

L3 paragraph_id	req_ key	text	IRD paragraph_	req _key	text	RBR paragraph_id	text
~~IMS-1120~~	~~966~~	~~_IMS shall provide the capability to receive a geophysical parameter specification from the user and determine the instrument(s) required for the data acquisition.~~					
IMS-1130	967	_The IMS shall provide descriptive information on instruments and parameters available in Standard Products to help with the creation of data acquisition requests for the ASTER Instrument.	TRMM1280 **break link because parent L3 specifies ASTER which excludes TRMM**	531	ECS shall be able to accept CERES simulated data from SDPF.	TRMM1280#Ir1	ECS shall be able to accept CERES simulated data from SDPF.
						TRMM1280#A	ECS shall be able to accept CERES simulated data from SDPF.
						TRMM1280#B	ECS shall be able to accept CERES simulated data from SDPF.
			TRMM2270 **break link because parent L3 specifies ASTER which excludes TRMM**	559	ECS shall be able to accept LIS simulated data from SDPF.	TRMM2270#Ir1	ECS shall be able to accept LIS simulated data from SDPF.

CCR #96-0296B ECS RTM changes based on
GSFC CCR #505-01-41-064
Title: Eliminate DAR requirements for SDPS

F&PRS to IRD to RBR traceablity

L3 paragraph_id	req_ key	text	IRD paragraph_	req _key	text	RBR paragraph_id	text
						TRMM2270#A	
							ECS shall be able to accept LIS simulated data from SDPF.
						TRMM2270#B	
							ECS shall be able to accept LIS simulated data from SDPF.
IMS-1140	968	_The IMS shall provide <u>ASTER</u> instrument specific graphic displays to help with the creation of data acquisition requests, which shall include at a minimum: a._Geographic reference aids b._Spacecraft location projections _					
IMS-1190	973	_The IMS shall validate DAR parameters against EOC ~~and ICC~~ provided constraints.					
~~IMS-1200~~	~~975~~	~~_The IMS shall forward DARs for specific observational sequences generated by an authorized user to the ICC.~~					

CCR #96-0296B ECS RTM changes based on
GSFC CCR #505-01-41-064
Title: Eliminate DAR requirements for SDPS

F&PRS to IRD to RBR traceablity

L3 paragraph_id	req_ key	text	IRD paragraph_	req _key	text	RBR paragraph_id	text
IMS-1262	983	_The IMS shall provide the capability to <u>request and receive the ASTER GDS data acquisition request status</u> in accordance with applicable IRDs and ICDs and provide the status to the data acquisition requester.	ASTER-0120	47	ASTER GDS shall have the capability to send and ECS shall have the capability to receive DAR status, when requested by ECS. DAR status shall include such information as confirmation or rejection of the DAR, and notification of DAR scheduling and completion, to include at a minimum: a. _Date and time b._Instrument ID c. _DAR ID d. _Request status e._Implementation schedule f. _If rejection, then the reason for the rejection.	ASTER-0120#B	ASTER GDS shall have the capability to send and ECS shall have the capability to receive DAR status, when requested by ECS. DAR status shall include such information as confirmation or rejection of the DAR, and notification of DAR scheduling and completion, to include at a minimum: a. Date and time b. Instrument ID c. DAR ID d. Request status e. Implementation schedule f. If rejection, then the reason for the rejection.
			ASTER-0130	48	ECS shall have the capability to send and ASTER GDS shall have the capability to receive queries for the current status of ASTER DARs which were previously submitted to the ASTER GDS by ECS.	ASTER-0130#B	ECS shall have the capability to send and ASTER GDS shall have the capability to receive queries for the current status of ASTER DARs which were previously submitted to the ASTER GDS by ECS.

CCR #96-0296B ECS RTM changes based on
GSFC CCR #505-01-41-064
Title: Eliminate DAR requirements for SDPS

F&PRS to IRD to RBR traceablity

L3 paragraph_id	req_key	text	IRD paragraph_	req_key	text	RBR paragraph_id	text
IMS-1070	1432	_The IMS shall provide the capability for users to construct DARS for collection of ~~EOS~~ ASTER Instrument data which shall contain the following information at a minimum: _a._Observation number _b._Experimenter identification _c._Experimenter address _d._Investigation identification _e._Scientific discipline _f._Observation repetition period _g._Tolerance in observation time _h._User priority _i._Scheduling priority and target of opportunity flag _j._Descriptive text _k._Location data expressed in terms of longitude and latitude as earliest __start coordinates and latest stop coordinates _l._Earliest start time _m._Latest stop time _n._Minimum coverage required _o._Maximum coverage desired _p._ ~~Number of instruments involved in the investigation~~ _q._ ~~Which instruments are involved in the investigation~~ _	ASTER-0110	752	ECS shall have the capability to send and ASTER GDS shall have the capability to receive DARs for the ASTER instrument. DARs shall contain the following information, at a minimum: a. _Observation number b. _Experimenter identification c. _Experimenter address d. _Investigation identification e. _Scientific discipline f. _Observation repetition period g. _Tolerance in observation time h. _User priority i. _Scheduling priority and target of opportunity flag j. _Descriptive text k. _Location data expressed in terms of longitude and latitude as earliest start coordinates and latest stop coordinates l. _Earliest start time m. _Latest stop time n. _Minimum coverage required o. _Maximum coverage desired p. _Number of instruments involved in the investigation q. _Which instruments are involved in the investigation. r._Associated product generation request and product distribution request s._Pointing angle t._Calibration requirements u._Coordination requirements v._Data transmission requirements w._Illumination requirements (day/night) x._Specific time of observation y._Sun angle z._Direct downlink option	ASTER-0110#B	ECS shall have the capability to send and ASTER GDS shall have the capability to receive DARs for the ASTER instrument DARs shall contain the following information, at a minimum: a. Observation number b. Experimenter identification c. Experimenter address d. Investigation identification e. Scientific discipline f. Observation repetition period g. Tolerance in observation time h. User priority i. Scheduling priority and target of opportunity flag j. Descriptive text k. Location data expressed in terms of longitude and latitude as earliest start coordinates and latest stop coordinates l. Earliest start time m. Latest stop time n. Minimum coverage required o. Maximum coverage desired p. Number of instruments involved in the investigation q. Which instruments are involved in the investigation r. Associated product generation request and product distribution request s. Pointing angle t. Calibration requirements u. Coordination requirements v. Data transmission requirements w. Illumination requirements (day/night) x. Specific time of observation y. Sun angle z. Direct downlink option

CCR #96-0296B ECS RTM changes based on
GSFC CCR #505-01-41-064
Title: Eliminate DAR requirements for SDPS

F&PRS to IRD to RBR traceablity

L3 paragraph_id	req_ key	text	IRD paragraph_	req _key	text	RBR paragraph_id	text
IMS-1090	1434	_The IMS shall accept requests for changes to existing <u>ASTER</u> DARs from the requester and forward the changes to the ~~ICC~~. <u>ASTER GDS.</u>					
IMS-1230	1436	_The IMS shall accept from the <u>ASTER GDS</u> ~~ICC~~ and provide to the requester such information as data acquisition request confirmation or rejection, and notification of data acquisition request scheduling and completion, to include at a minimum: a._Date and time b._Instrument ID c._Data acquisition request ID d._Request status e._Implementation schedule f._If rejection, then the reason for the rejection _					
IMS-1260	1437	_The IMS shall <u>be expandable to</u> provide the capability to receive, from the IP Information Management System or an equivalent IP facility, data acquisition request status in accordance with applicable MOUs and provide the status to the data acquisition requester.	ASTER-0120	47	ASTER GDS shall have the capability to send and ECS shall have the capability to receive DAR status, when requested by ECS. DAR status shall include such information as confirmation or rejection of the DAR, and notification of DAR scheduling and completion, to include at a minimum: a. _Date and time b._Instrument ID c. _DAR ID d. _Request status e._Implementation schedule f. _If rejection, then the reason for the rejection.	ASTER-0120#B	ASTER GDS shall have the capability to send and ECS shall have the capability to receive DAR status, when requested by ECS. DAR status shall include such information as confirmation or rejection of the DAR, and notification of DAR scheduling and completion, to include at minimum: a. Date and time b. Instrument ID c. DAR ID d. Request status e. Implementation schedule f. If rejection, then the reason for the rejection.

CCR #96-0296B ECS RTM changes based on
GSFC CCR #505-01-41-064
Title: Eliminate DAR requirements for SDPS

F&PRS to IRD to RBR traceablity

L3 paragraph_id	req_ key	text	IRD paragraph_	req _key	text	RBR paragraph_id	text
			ASTER-0130	48	ECS shall have the capability to send and ASTER GDS shall have the capability to receive queries for the current status of ASTER DARs which were previously submitted to the ASTER GDS by ECS.	ASTER-0130#B	ECS shall have the capability to send and ASTER GDS shall have the capability to receive queries for the current status of ASTER DARs which were previously submitted to the ASTER GDS by ECS.
IMS-1320	1442	_The IMS shall provide the capability to accept, from ASTER instrument data acquisition requesters, data acquisition status requests, retrieve the request status, and display the status to the requester.					